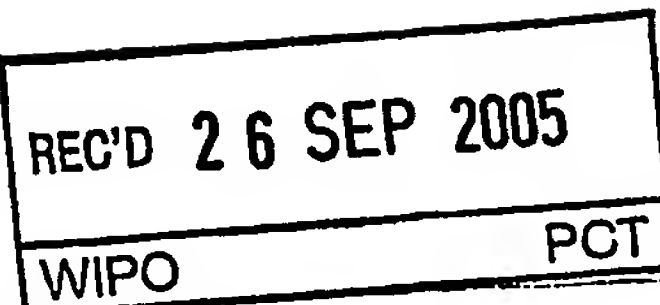


PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)



| | | |
|---|---|--------------------------------|
| Applicant's or agent's file reference 51518WO | FOR FURTHER ACTION See Form PCT/IPEA/416 | |
| International application No. PCT/IB2003/002244 | International filing date (day/month/year) 12-06-2003 | Priority date (day/month/year) |
| International Patent Classification (IPC) or national classification and IPC H04M 1/02, H04B 1/40 | | |
| Applicant Nokia Corporation et al | | |

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
 - a. ☐ (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:
 - ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
 - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

| | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the report |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

| | |
|---|--|
| Date of submission of the demand 04-01-2005 | Date of completion of this report 15-09-2005 |
| Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88 | Authorized officer Behroz Moradi/MN Telephone No. +46 8 782 25 00 |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002244

Box No. I Basis of the report

1. With regard to the language, this report is based on:

☐ the international application in the language in which it was filed

☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of:

☐ international search (Rules 12.3(a) and 23.1(b))

☐ publication of the international application (Rule 12.4(a))

☐ international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

☒ the international application as originally filed/furnished

☐ the description:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the claims:

pages _____ as originally filed/furnished

pages* _____ as amended (together with any statement) under Article 19

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ the drawings:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/IB2003/002244

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|-------------|-----|
| Novelty (N) | Claims | | YES |
| | Claims | <u>1-16</u> | NO |
| Inventive step (IS) | Claims | | YES |
| | Claims | <u>1-16</u> | NO |
| Industrial applicability (IA) | Claims | <u>1-16</u> | YES |
| | Claims | | NO |

2. Citations and explanations (Rule 70.7)

Cited documents in the International Search Report:

- D1: EP 1091540 A3
- D2: US 2003017848 A1
- D3: US 2003017839 A1
- D4: WO 0211074 A2
- D5: US 200336362 A2
- D6: US 2003104791 A1
- D7: US 2003008679 A1

D1 describes a detachable (= exchangeable) mobile communication device cover comprising a key board (= keypad). The cover is connected to the keyboard and a bus interface (= common bus 30 [22]), for connection of the cover processor to a mobile communication module, wherein the bus interface is adapted to operate with a plurality of mobile communication modules. The mobile communication module comprising a radio interface for connecting to a mobile communication network by a bus interface to connect communication module to a cover having a keypad. There are software tool comprising program code means stored on a computer readable medium (= RAM & ROM), downloadable program code stored on the medium, (page 1, part 1- part 9).

D2 describes an electronic device such as a mobile phone, a personal digital assistant, a palm sized personal computer, a media player or a game console, is provided with an interchangeable covering having visual representation of a theme, and an electronic component embedded therein having data and/or programming instructions for non-visual

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Box V

representation of the theme. Additionally, a coupler, such as a contact or a contact less, facilitates exchange of the data and/or programming instructions between the electronic device and the electronic component embedded within the interchangeable covering. The exchanged data personalizes the electronic devices to the predetermined theme. As a result, personalization of electronic devices to a theme may be accomplished more efficiently, (page 1 part 14, page 6 part 53, abstract).

D3 describes an interchangeable covering for a mobile electronic communication device (mobile device) includes an electronic component having a switch unit, a personalization unit and an interface unit. The switch unit includes key(s) that are accessible to the user when the covering is fitted to the mobile device. The personalization unit stores information such as music data files, audio ring files, screen animation files, data files (e.g., telephone numbers, email addresses, URLs, radio channels, etc.) and/or instructions that can be executed by a processor in the mobile device. The user can use the switch unit to access the information in the personalization unit. The personalization unit interacts with the electronics of the mobile device via the interface unit, (page 1 part 5-8, abstract, figures 3-7).

D4-D7 describe the prior art of the invention.

A device, method and program according to claims 1, 6, 11-12 and 14-16 are known from documents D1-D3 each. Thus, the invention defined in claims 1, 6, 11-12 and 14-16 is not new and consequently lacks novelty and inventive step.

The remaining claims are considered to involve particular detail executions obvious to a person skilled in the art. Therefore, the invention according to these claims is not considered to involve an inventive step.